Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of infor... U.S. Patent and Tra... PTO/SB/08A ... 10/31/2002. OMB 06... RTMENT OF CO... valid OMB contr...

Substitute for form1449A-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

DEC 0 6 2002

PATENT & TRADEMARK OFFICE

Application Numbe...	
Filing Date	nown
First Named Inventor	09/81...
Art Unit	ch 19, 2001
Examiner Name	. COOKE, et al.
Attorney Docket Number	A... 25 / 262... hompson ... 5-7078

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number – Kind Code[2] (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, C... Where Releva... ines, Relevant Figures ... ges or ... ar
	1	US-5,553,002	09/1996	DANGELO, et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] – Number[4] – Kind Code[5] (if known)	Publication Date MM-DD-YY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
	2	WO 95/31778 PCT	11/23/1995			
	3	WO 97/46959 PCT	12/11/1997			
	4	WO 98/13776 PCT	04/02/1998			

RECEIVED
DEC - 9 2002
TECHNOLOGY CENTER 2800

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published.	T[2]
	5	ABRAMOVICI, Miron et al., "Digital Systems Testing and Testable Design" *IEEE Press Marketing* (September 1994).	
	6	ANDERSON, T.L. et al., "Thoughts on Core Integration and Test," Proceedings – International Test Conference (1997), pg. 1039.	
	7	BAUER, M. et al., "Hardware/Software Co-Simulation in a VHDL-based Test Bench Approach," Proceedings of the Design Automation Conference, US, New York, ACM (1997), 34:774-779.	
	8	GLASER, Steve, "IP Fuels A Transformation of Culture, Companies, and Cooperation," Electronic Design, January 12, 1998, pp. 55-62.	
	9	GUPTA, R.K. et al., "Introducing Core-Based System Design," IEEE Design and Test of Computers (1997), **14(4):**15-24.	
	10	KEATING, Michael et al., "Reuse Methodology Manual for System-On-A-Chip Designs" *Kluwer Academic Publishers* (1998).	
	11	PASSERONE, R. et al., "Automatic Synthesis of Interfaces Between Incompatible Protocols," Proceedings 1998 Design and Automation Conference (1998), pp. 8-13.	
	12	REMAKLUS, W., "On-Chip Bus Structure for Custom Core Logic Designs," IEEE (1998), pp. 7-14.	
	13	RINCON, A.M. et al., "Core+ASIC Methodology: The Pursuit of System-on-a-Chip," WESCON/97 Conference Proceedings (1997), PP. 46-54.	
	14	ROWSON, J.A. et al., "Interface-Based Design," Proceedings 1997 Design Automation Conference (1997), pp. 9-13.	
	15	SACHS, H., "All-Inclusive Approach to System Design Offers Flexibility Over Single On-chip Bus Method," Computer Design (1995), **37(7):** 97-98.	
	16	SCHÜTZ, M., "How to Efficiently Build VHDL Testbenches," IEEE (1995) 554-559.	
	17	VAN DE GOOR, A.J., "Testing Semiconductor Memories Theory and Practice" Delft University of Technology, The Netherlands, published by John Wiley (1991).	

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form1449A-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	2	of	2

Complete if Known	
Application Number	**09/812,068**
Filing Date	**March 19, 2001**
First Named Inventor	**Laurence H. COOKE, et al.**
Art Unit	**2825**
Examiner Name	**Annette M. Thompson**
Attorney Docket Number	**262/043; 19535-7078**

	18	ZORIAN, Y., "Test Requirements for Embedded Core-based Systems and IEEE P1500," International Test Conference (1997) **28**: 191-198.	
	19	"Integrated Set of Design Verification Tools," IBM Technical Disclosure Bulletin (1995), **38(5)**: 329-333.	
	20	"The National Technology Roadmap for Semiconductors" (1997). /SEMICONDUCTOR INDUSTRY ASSOCIATION	
	21	Virtual Socket Interface Alliance Architecture Document, Version 1.0 (March 1997).	
	22	Virtual Socket Interface Alliance Analog/Mixed-Signal Development Working Group Specification 1 Version 1.0 (AMS 1 1.0) "Analog/Mixed-Signal VSI Extension" (June 15, 1998).	
	23	Virtual Socket Interface Alliance Implementation/Verification Development Working Group Specification 1 Version 1.0 (I/V 1 1.0) "Structural Netlist and Hard VC Physical Data Types" (June 15, 1998)	
	24	Virtual Socket Interface Alliance On-Chip Bus Development Working Group Specification 1 Version 1.0 (OCB 1 1.0) "On-Chip Bus Attributes" (August 8, 1998).	

Examiner's Signature		Date Considered	8-MARCH-2003

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include ~~copy of this~~ form with next communication to applicant.

[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.

+ Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to compete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231: DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

Sheet 1 of 1

FORM PTO-1449 (Rev. 7-80) U.S. Dept. of Commerce Patent and Trademark Office	Atty Docket No. 21891.01301	Serial No. 09/410,356
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Applicant Henry Chang et al.	
	Filing Date September 30, 1999	Group 2825

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Date	Name	Class	Subclass	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
	AI							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

WS	AJ	Merrill Hunt and Jim Rowson, "Blocking in a system on a chip", IEEE Spectrum, November 1996, pp. 35-41.
	AK	Michael Keating and Pierre Bricaud, "Reuse Methodology Manual for System-On-A-Chip Designs", Kluwer Academic Publishers, 1998. no page numbers
	AL	Virtual Socket Interface Alliance Architecture Document, Version 1.0 March 1997 no page numbers, author
	AM	Virtual Socket Interface Alliance, Analog/Mixed-Signal Development Working Group, "Analog/Mixed-Signal VSI Extension Specification", AMS 1.0, 1998. no page numbers, author
	AN	Virtual Socket Interface Alliance, On-Chip Bus Development Working Group, "On-Chip Bus Attributes Specification, Version 1.0", 1998 no page numbers, author
	AO	Virtual Socket Interface Alliance, Implementation/Verification Development Working Group, Specification 1, Version 1.0 (IV) 1.0), "Structural Netlist and Hard VC Physical Data Types", 1998. no page numbers, author
	AP	"National Technology Roadmap for Semiconductors" 1997. no page numbers, author
	AQ	Steve Glaser, "IP fuels a transformation of culture, companies and cooperation", Electronic Design, January 12, 1998, pp. 55-62.
	AR	"Digital Systems Testing and Testable Design" revised ed. By Miron Abramovici, Melvin A. Breuer, and Arthur Friedman, IEEE Press Marketing, 09/1994. no page numbers
	AS	A.J. Van de Goor, "Testing Semiconductor Memories: Theory and Practice", Delft Univ. of Technology, The Netherlands, published by John Wiley, 1991. no page numbers

Examiner [signature] Date Considered 11/28/00

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

uSCOMM-DC 80-3985